LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059139.D
Acq On : 21 Sep 2023 11:48
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS Confirmation
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1660-50PPM

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059139.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.441	7	9	11	rBV3	3925	3416	0.53%	0.082%
2	3.464	11	13	15	rVV2	5964	6160	0.96%	0.148%
3	3.494	15	18	24	rVB	100207	116673	18.18%	2.798%
4	3.688	48	51	53	rBV	1342	1362	0.21%	0.033%
5	3.870	78	82	84	rBV2	3603	4006	0.62%	0.096%
6	4.375	164	168	172	rVB	1585	1991	0.31%	0.048%
7	4.510	187	191	196	rBV2	6735	9688	1.51%	0.232%
8	4.563	196	200	207	rVB	9152	12871	2.01%	0.309%
9	4.663	210	217	220	rBV	11826	15703	2.45%	0.377%
10	4.704	220	224	230	rVB	11474	15005	2.34%	0.360%
11	6.302	492	496	497	rBV	1067	1486	0.23%	0.036%
12	6.843	583	588	593	rVB2	2803	4119	0.64%	0.099%
13	6.995	608	614	619	rBV	2716	4385	0.68%	0.105%
14	7.565	709	711	716	rBB	1245	1484	0.23%	0.036%
15	8.294	827	835	843	rBB	131067	221740	34.55%	5.318%
16	11.138	1312	1319	1326	rVB	188324	334416	52.11%	8.020%
17	12.078	1476	1479	1482	rBV	1179	1364	0.21%	0.033%
18	14.927	1957	1964	1971	rVB	302188	461423	71.90%	11.066%
19	15.039	1977	1983	1985	rBB2	4034	4840	0.75%	0.116%
20	16.161	2169	2174	2179	rBV2	21620	28526	4.44%	0.684%
21	16.596	2244	2248	2254	rBV3	5099	6793	1.06%	0.163%
22	16.766	2272	2277	2281	rVB2	9788	11501	1.79%	0.276%
23	16.884	2290	2297	2302	rBV	52712	68760	10.71%	1.649%
24	17.189	2345	2349	2352	rVB4	4818	6771	1.06%	0.162%
25	17.530	2402	2407	2410	rBV2	58714	86011	13.40%	2.063%
26	17.565	2410	2413	2421	rVB3	21855	26928	4.20%	0.646%
27	17.677	2426	2432	2442	rVB	339458	515464	80.32%	12.362%
28	17.830	2453	2458	2465	rVB3	33625	49044	7.64%	1.176%
29	17.983	2481	2484	2488	rBV	882	1460	0.23%	0.035%
30	18.100	2499	2504	2507	rBV3	8516	12461	1.94%	0.299%
31	18.247	2520	2529	2536	rVB3	73037	141476	22.05%	3.393%
32	18.382	2545	2552	2557	rVB2	40288	60443	9.42%	1.450%
33	18.441	2560	2562	2566	rVV	1953	2675	0.42%	0.064%
34	18.506	2569	2573	2578	rVV3	20314	28394	4.42%	0.681%
35	18.553	2578	2581	2589	rVB4	5788	8412	1.31%	0.202%
36	18.711	2603	2608	2613	rBV3	30448	39398	6.14%	0.945%

LSC Area Percent Report

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Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS Confirmation
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1660-50PPM

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Title : SVOA CALIBRATION

37	18.770	2614	2618	2622	rVV3	20006	25342	3.95%	0.608%
38	18.811	2622	2625	2632	rVB2	15698	20130	3.14%	0.483%
39	18.993	2652	2656	2662	rBV4	24027	33902	5.28%	0.813%
40	19.040	2662	2664	2668	rVB2	7248	8142	1.27%	0.195%
41	19.099	2671	2674	2677	rBV2	5148	6956	1.08%	0.167%
42	19.128	2677	2679	2682	rVV3	7388	7657	1.19%	0.184%
43	19.169	2682	2686	2690	rVB2	14281	19615	3.06%	0.470%
44	19.269	2700	2703	2709	rVB4	3935	5483	0.85%	0.131%
45	19.469	2735	2737	2742	rBV2	2052	2613	0.41%	0.063%
46	19.545	2742	2750	2757	rVB6	15132	27521	4.29%	0.660%
47	19.657	2767	2769	2773	rVB2	3644	3538	0.55%	0.085%
48	19.739	2780	2783	2785	rBV2	1749	1747	0.27%	0.042%
49	19.822	2793	2797	2801	rVB2	17418	20742	3.23%	0.497%
50	19.898	2807	2810	2815	rVB3	9346	11250	1.75%	0.270%
51	19.969	2820	2822	2824	rVB	2294	1843	0.29%	0.044%
52	19.992	2824	2826	2828	rBV2	1397	1422	0.22%	0.034%
53	20.157	2852	2854	2857	rVB2	2896	2598	0.40%	0.062%
54	20.192	2858	2860	2863	rVB2	1721	1371	0.21%	0.033%
55	20.262	2867	2872	2876	rVB4	10225	17697	2.76%	0.424%
56	20.380	2887	2892	2895	rVB3	17932	21329	3.32%	0.511%
57	20.427	2896	2900	2907	rVB6	6305	12446	1.94%	0.298%
58	20.480	2907	2909	2910	rBV	2070	1966	0.31%	0.047%
59	20.521	2912	2916	2920	rVV2	46462	58229	9.07%	1.396%
60	20.568	2922	2924	2928	rVB4	4090	5279	0.82%	0.127%
61	20.791	2958	2962	2968	rVB2	55244	67531	10.52%	1.619%
62	20.856	2970	2973	2981	rVB5	13242	19121	2.98%	0.459%
63	20.961	2985	2991	2995	rBV7	18045	34402	5.36%	0.825%
64	20.997	2995	2997	3001	rVB4	4509	3757	0.59%	0.090%
65	21.055	3005	3007	3008	rBV2	4063	2443	0.38%	0.059%
66	21.102	3012	3015	3016	rBV2	12440	12057	1.88%	0.289%
67	21.291	3042	3047	3051	rVB5	30883	38947	6.07%	0.934%
68	21.361	3056	3059	3064	rVB4	12578	15632	2.44%	0.375%
69	21.620	3098	3103	3107	rVB4	24574	38043	5.93%	0.912%
70	21.684	3112	3114	3119	rVB5	13294	17409	2.71%	0.417%
71	21.749	3124	3125	3130	rVB3	4630	5069	0.79%	0.122%
72	21.872	3144	3146	3147	rBV2	3781	2253	0.35%	0.054%
73	21.996	3160	3167	3179	rVB2	346148	641760	100.00%	15.390%
74	22.430	3238	3241	3246	rVB6	14212	23728	3.70%	0.569%
75	24.857	3652	3654	3657	rBV2	3556	3591	0.56%	0.086%
76	25.544	3760	3771	3782	rVB2	201425	608704	94.85%	14.598%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
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Acq On : 21 Sep 2023 11:48
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS Confirmation
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1660-50PPM

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Title : SVOA CALIBRATION

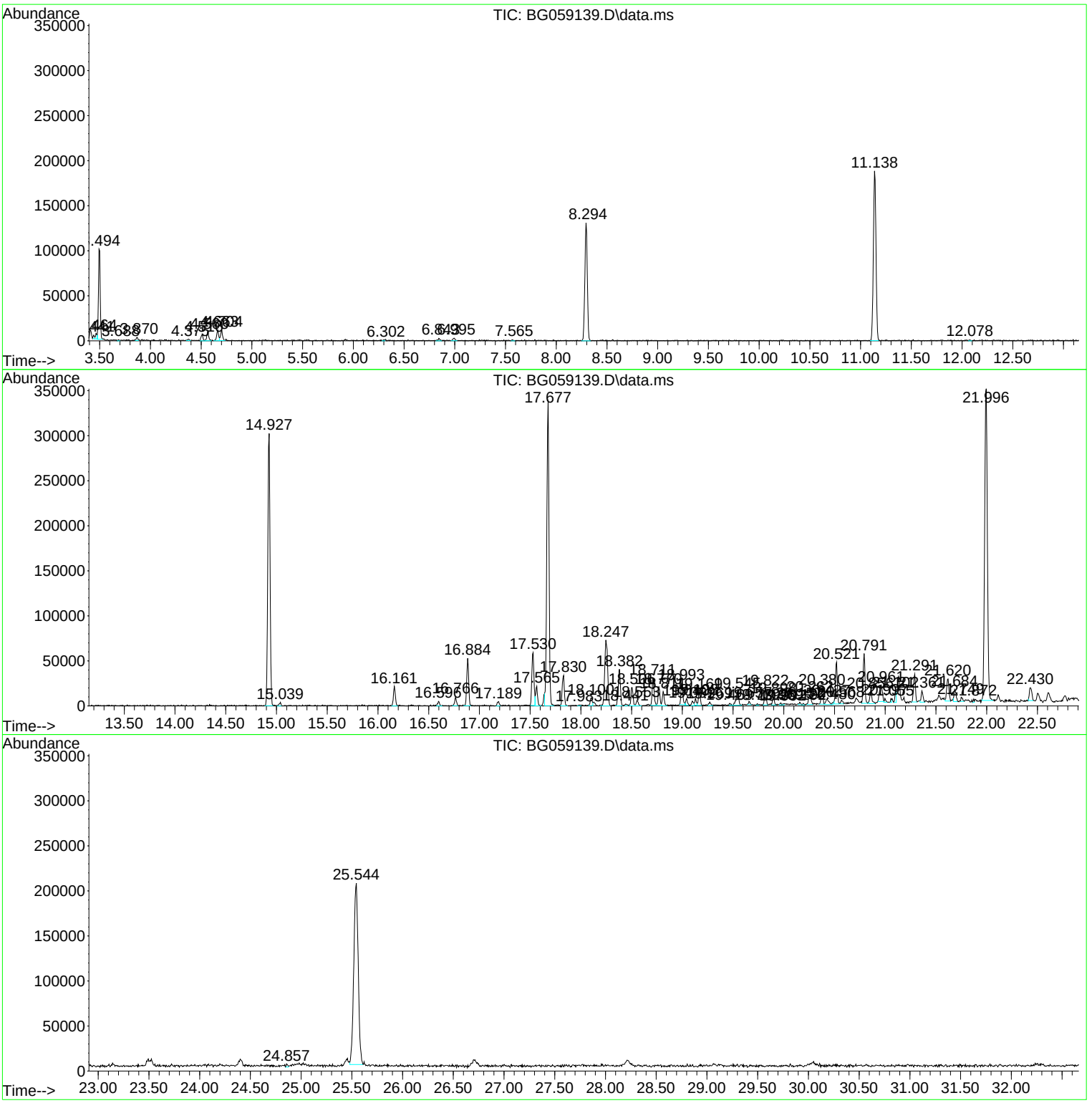
Sum of corrected areas: 4169914

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059139.D
Acq On : 21 Sep 2023 11:48
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS Confirmation
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1660-50PPM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059139.D
Acq On : 21 Sep 2023 11:48
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS Confirmation
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1660-50PPM

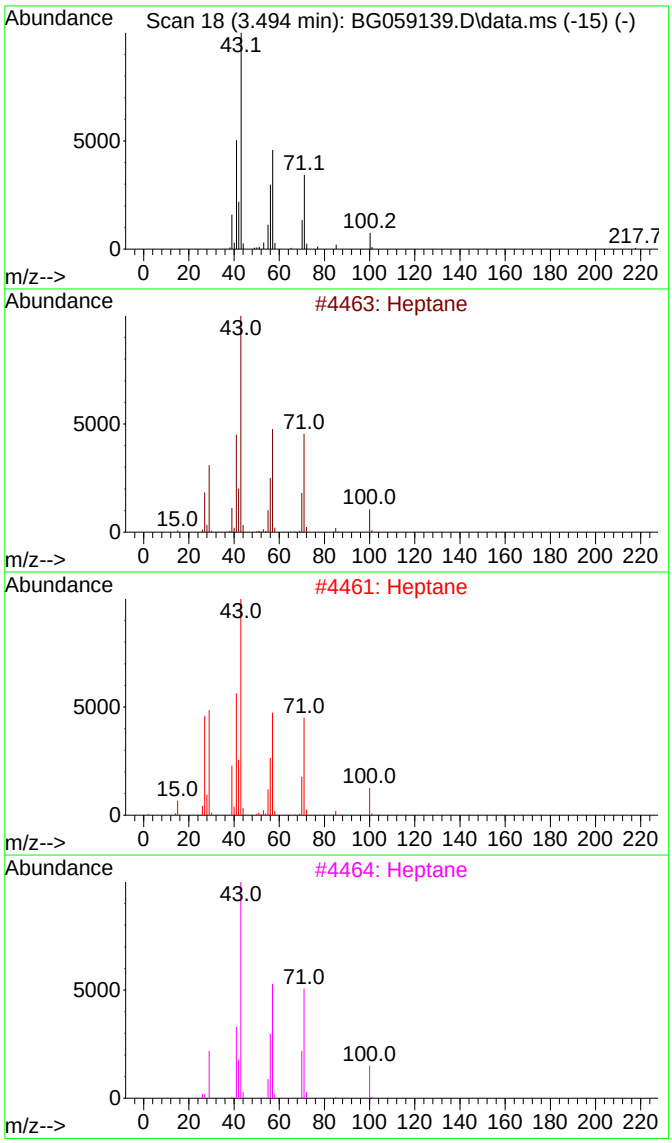
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

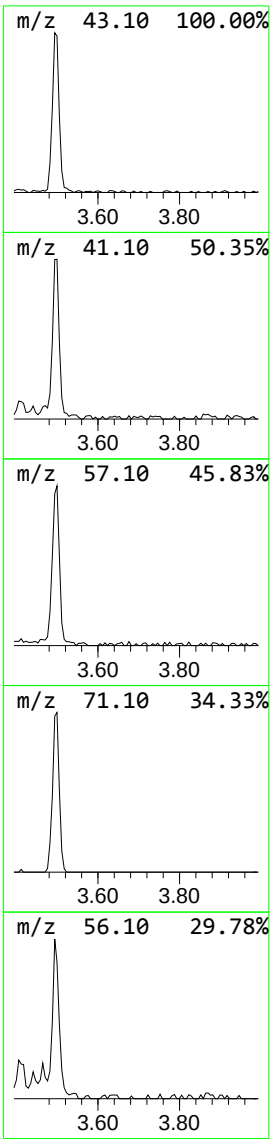
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.494	10.52 ng/ul	116673	1,4-Dichlorobenzene-d4	8.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	72
2	Heptane	100	C7H16	000142-82-5	64
3	Heptane	100	C7H16	000142-82-5	64
4	Octane	114	C8H18	000111-65-9	64
5	Octane	114	C8H18	000111-65-9	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059139.D
Acq On : 21 Sep 2023 11:48
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS Confirmation
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1660-50PPM

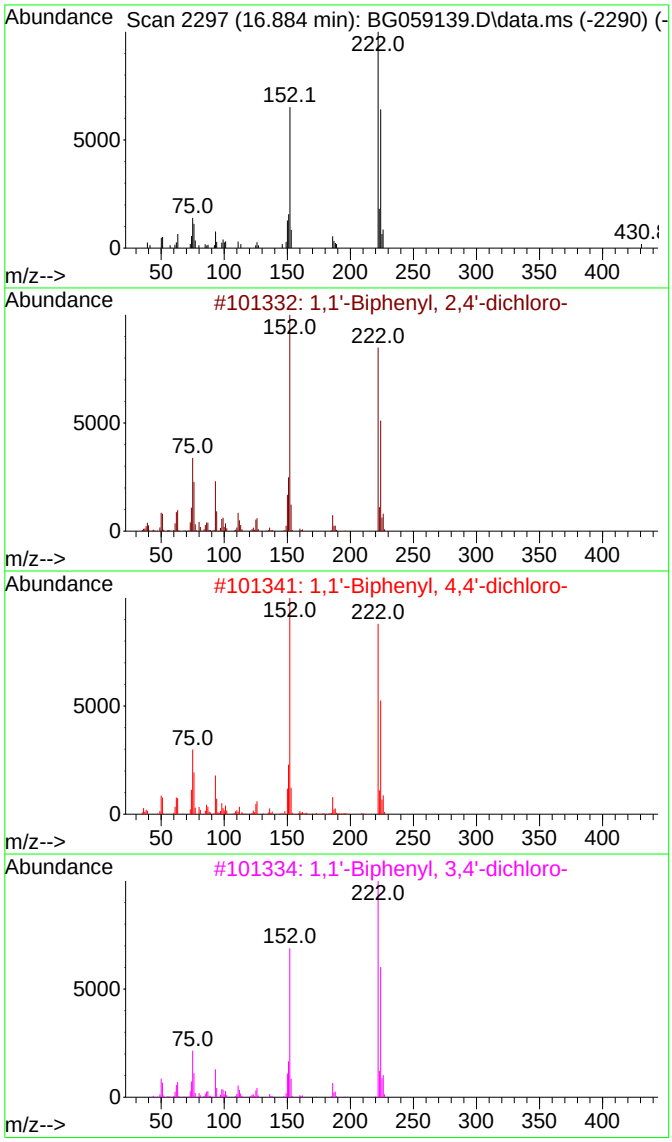
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

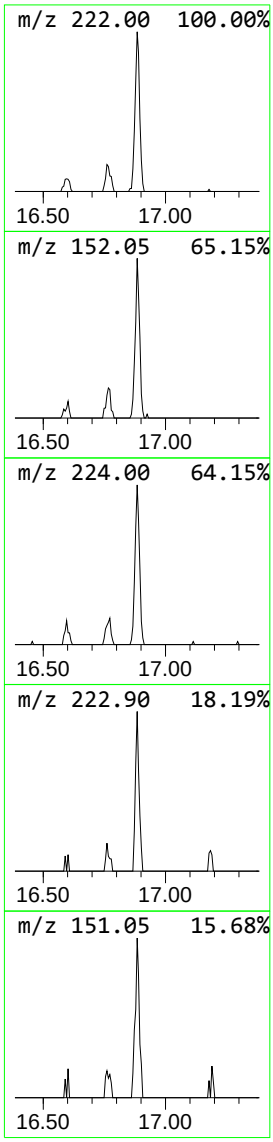
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,1'-Biphenyl, 2,4'-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.884	2.67 ng/ul	68760	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	96
2	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	96
3	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	96
4	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	96
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059139.D
Acq On : 21 Sep 2023 11:48
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS Confirmation
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1660-50PPM

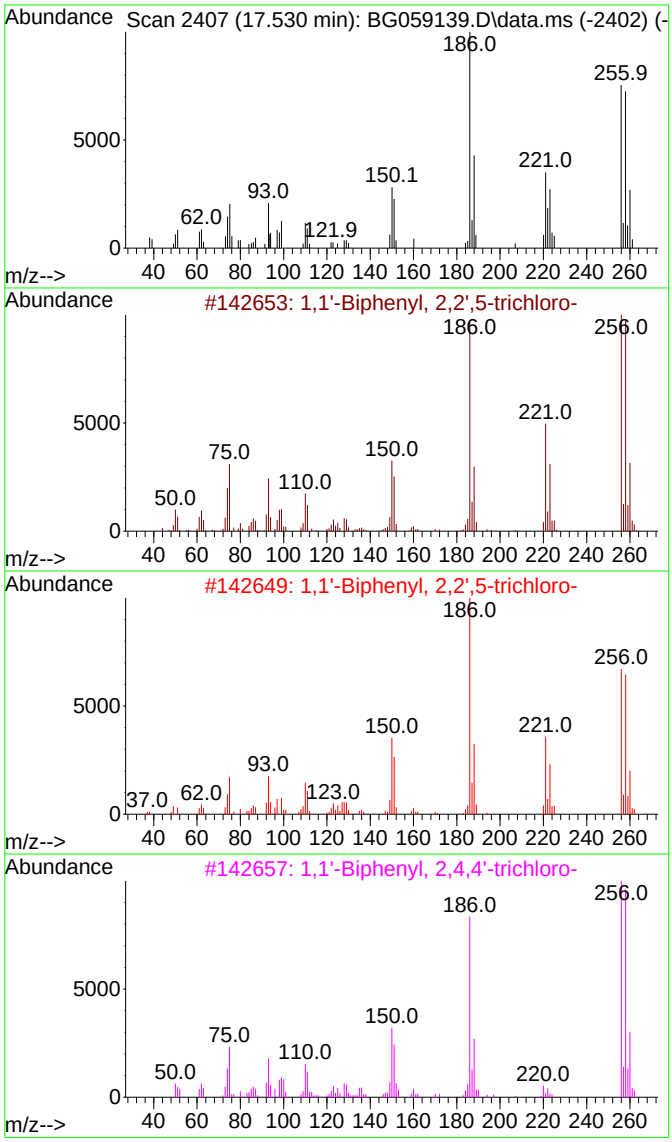
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

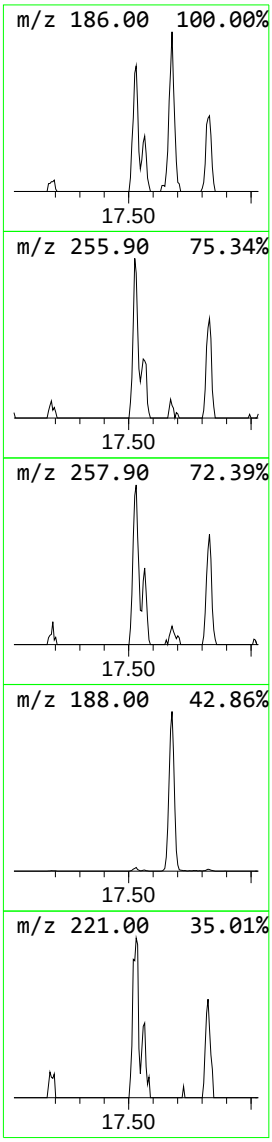
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.530	3.34 ng/ul	86011	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
4	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98
5	2,3',6-Trichlorobiphenyl	256	C12H7Cl3	038444-76-7	95





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Misc : GCMS Confirmation
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Instrument :
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ClientSampleId :
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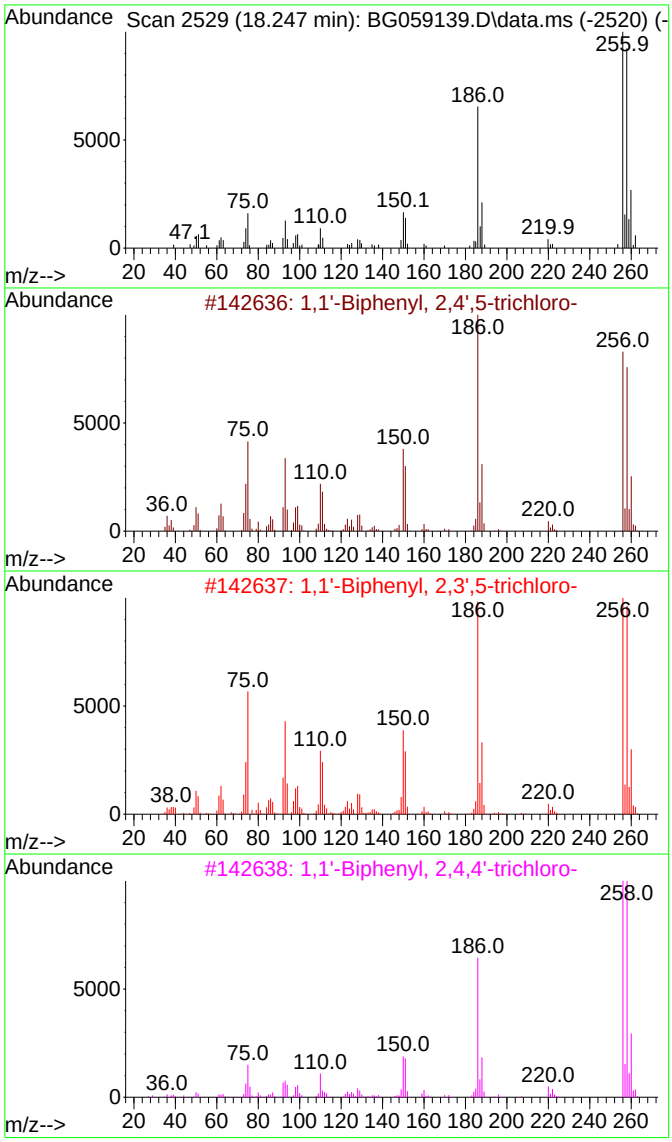
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

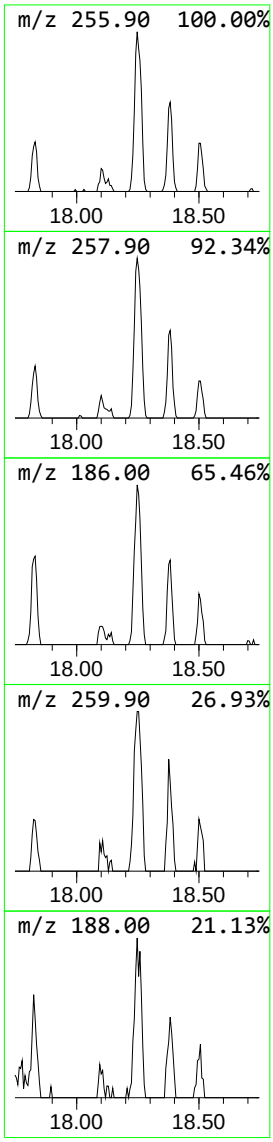
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.247	5.49 ng/ul	141476	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	96
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	96
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
5	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	96





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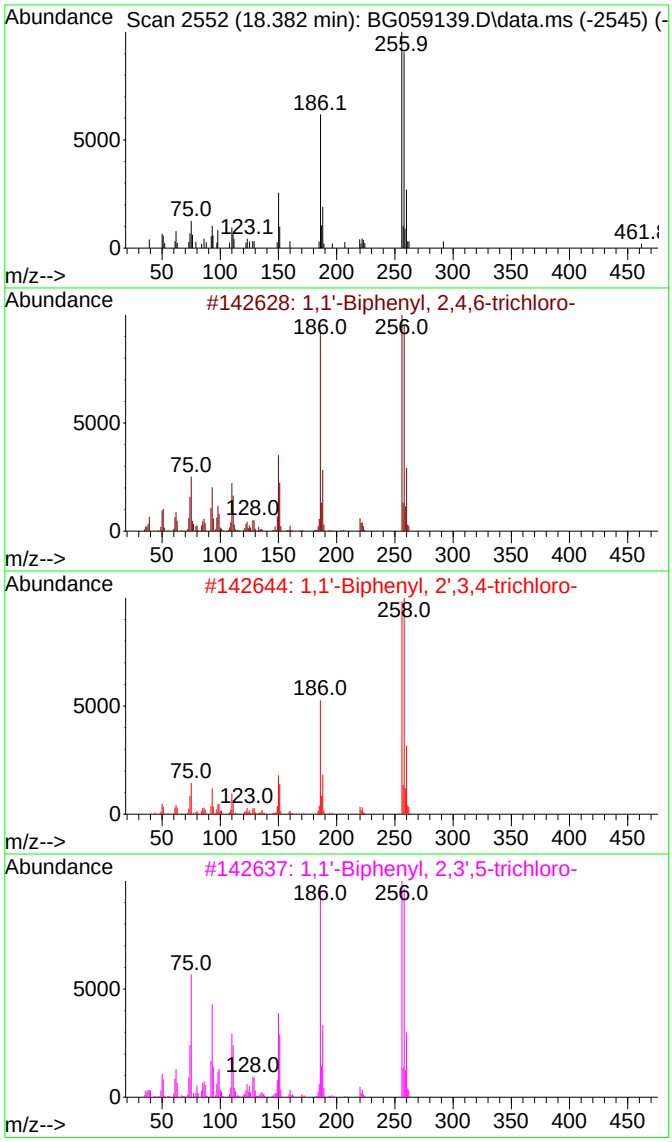
Quant Title : SVOA CALIBRATION

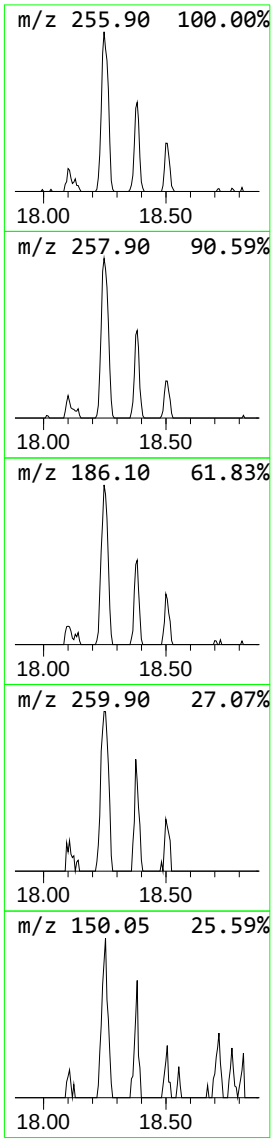
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,4,6-trichl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.382	2.35 ng/ul	60443	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98
4	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
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Sample : AR1660-50PPM
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Instrument :
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ClientSampleId :
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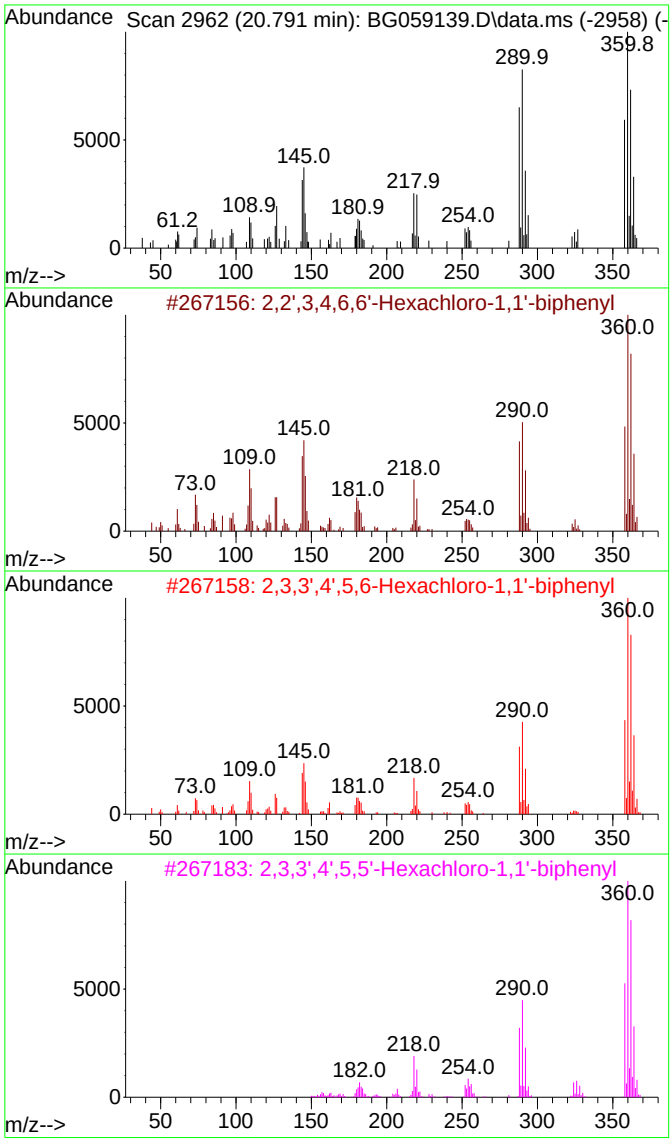
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

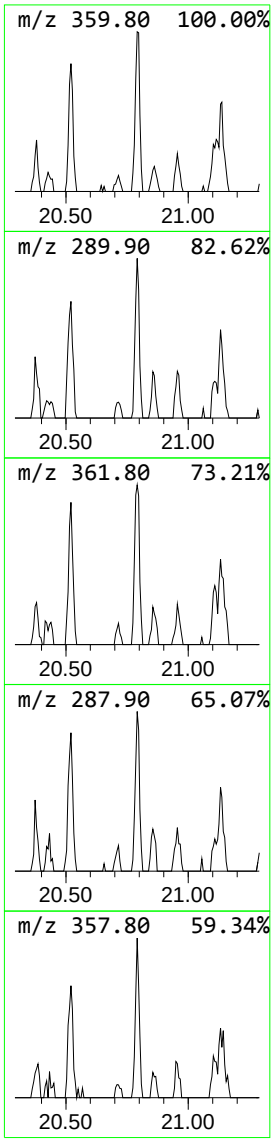
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,2',3,4,6,6'-Hexachloro-1,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.791	2.10 ng/ul	67531	Chrysene-d12	21.996

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	98
2	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	95
3	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	94
4	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	94
5	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059139.D
Acq On : 21 Sep 2023 11:48
Operator : MA/JU
Sample : AR1660-50PPM
Misc : GCMS Confirmation
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AR1660-50PPM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	3.494	10.5	ng/ul	116673	1	8.300	221740	20.0
1,1'-Biphenyl, ...	16.884	2.7	ng/ul	68760	4	17.677	515464	20.0
1,1'-Biphenyl, ...	17.530	3.3	ng/ul	86011	4	17.677	515464	20.0
1,1'-Biphenyl, ...	18.247	5.5	ng/ul	141476	4	17.677	515464	20.0
1,1'-Biphenyl, ...	18.382	2.4	ng/ul	60443	4	17.677	515464	20.0
2,2',3,4,6,6'-H...	20.791	2.1	ng/ul	67531	5	21.996	641760	20.0